

Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
ALEXANDER COUNTY --- 1.1 E CAIRO [37.00, -89.16], 2.4 ESE CAIRO [36.99, -89.14], 2.3 ESE CAIRO [36.98, -89.14], 1.2 ESE CAIRO [37.00, -89.16]				
	03/14/13 08:00 CST		0	Flood (due to Heavy Rain)
	03/26/13 17:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River at Cairo. Some low-lying fields and river access roads were underwater, including parts of Fort Defiance State Park.				
PULASKI COUNTY --- OLMSTED [37.18, -89.08], 0.7 SE OLMSTED [37.17, -89.07], 2.9 S NEW GRAND CHAIN [37.21, -89.02], 2.0 ESE LEVINGS [37.21, -89.03]				
	03/19/13 09:00 CST		0	Flood (due to Heavy Rain)
	03/26/13 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River at Grand Chain. Some low-lying fields and river access roads were underwater.				
An extended period of minor flooding occurred near the confluence of the Ohio and Mississippi Rivers as flood crests came down both rivers. The flood crest on the Mississippi River affected the Cairo river gage about mid-month, then the Ohio River flood crest occurred several days later.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY				
	03/17/13 04:00 CST		0	Winter Weather
	03/17/13 11:00 CST		0	
Widespread sleet and snow occurred north of a stationary front that extended from west to east across the Tennessee Valley. The precipitation occurred on the nose of a southerly low-level jet. Areas from Perry County to Mount Vernon, then eastward along the Interstate 64 corridor, received up to an inch of slushy snow and sleet. A few wrecks from slick roads were reported in Perry County.				
FRANKLIN COUNTY --- 1.3 S ZEIGLER JCT [37.90, -89.02], 1.6 SE ZEIGLER [37.88, -89.03], 1.2 W PLUMFIELD [37.88, -89.02], 1.5 NNW PLUMFIELD [37.90, -89.01]				
	03/19/13 08:00 CST		0	Flood (due to Heavy Rain)
	03/23/13 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Big Muddy River near Plumfield. Low-lying fields and woodlands were underwater.				
JACKSON COUNTY --- 2.7 WSW MURPHYSBORO [37.76, -89.38], 1.7 W MT CARBON [37.75, -89.36], 1.5 WNW MT CARBON [37.76, -89.36], 2.4 W MURPHYSBORO [37.76, -89.37]				
	03/19/13 08:00 CST		0	Flood (due to Heavy Rain)
	03/27/13 12:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Big Muddy River near Murphysboro. Low-lying fields and woodlands were underwater, including small parts of Riverside Park.				
WHITE COUNTY --- 0.9 S CARMi MUNI ARPT [38.09, -88.15], 2.0 ESE CARMi [38.07, -88.14], 1.4 SE CARMi [38.06, -88.15], 0.8 ENE CARMi [38.08, -88.16]				
	03/19/13 11:00 CST		0	Flood (due to Heavy Rain)
	03/27/13 10:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Little Wabash River at Carmi. Low-lying fields, woodlands, and a few county roads were underwater.				
WAYNE COUNTY --- 3.5 WSW BARNHILL [38.26, -88.43], 1.4 SW WAYNE CITY [38.34, -88.60], WAYNE CITY [38.35, -88.58], 2.9 W BARNHILL [38.28, -88.42]				
	03/19/13 13:00 CST		0	Flood (due to Heavy Rain)
	03/19/13 22:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Skillet Fork River in the Wayne City area. Low-lying fields and woodlands were underwater.				
GALLATIN COUNTY --- 1.0 SSW SHAWNEETOWN [37.69, -88.14], 1.0 SSW SHAWNEETOWN [37.69, -88.14], 0.2 SE SHAWNEETOWN [37.70, -88.13], 0.2 SW SHAWNEETOWN [37.70, -88.13]				
	03/21/13 05:00 CST		0	Flood (due to Heavy Rain)
	03/26/13 18:00 CST		0	Source: River/Stream Gage

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Minor flooding occurred along the Ohio River at Shawneetown. Low-lying fields and woodlands were underwater, along with river access facilities such as a boat ramp.				

MASSAC COUNTY --- BROOKPORT [37.12, -88.63], 0.4 WSW BROOKPORT [37.12, -88.64], 1.7 SE METROPOLIS [37.14, -88.70], 2.0 ESE METROPOLIS [37.14, -88.69]

03/21/13 06:00 CST	0	Flood (due to Heavy Rain)
03/24/13 16:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River in the Brookport and Metropolis areas. Low-lying fields and woodlands were underwater, including small parts of Fort Massac State Park in Metropolis.

A couple of distinct rounds of heavy rain during late February and mid-March caused rises along the region's rivers. Between March 14th and 18th, copious amounts of rain fell, with totals ranging from 1 to 2 inches. A few isolated thunderstorms pushed these rain amounts up to 3 inches. While quite a few river gages rose above flood stage, only minor flooding occurred.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON

03/24/13 11:00 CST	0	Winter Weather
03/25/13 11:00 CST	0	

From 1 to 3 inches of snow was reported across parts of southern Illinois, mainly along and northwest of a line from Marion through Mcleansboro and Fairfield. The highest accumulation of 3 inches was reported in Mount Vernon. A total of 2.5 inches was measured at West Frankfort in Franklin County. A Cocorahs (Community Collaborative Rain, Hail, and Snow) network observer two miles northwest of Murphysboro measured 1.5 inches. A trained spotter in northern Hamilton County at Dahlgren measured one inch. Since temperatures hovered near or just above freezing, road conditions were slushy or wet during most of the event. However, there were reports of a few accidents due to slick roads during periods of heavier wintry precipitation. A period of heavy sleet occurred at the start of the event, accumulating up to one-half inch. A deepening surface low pressure center moved east-northeast from western Tennessee across Kentucky. As the low passed southeast of Illinois, colder air was drawn southward, changing the rain to snow.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

03/29/13 22:00 CST	0	Dense Fog
03/30/13 08:00 CST	0	

Widespread dense fog formed as skies cleared out and winds became nearly calm. Moist ground from rainfall the previous night contributed to the dense fog. High pressure moved slowly east across the Ohio Valley, resulting in favorable conditions for fog. Visibility was one-quarter mile or less across all of southern Illinois for most of the night into the early morning hours.

INDIANA, Southwest

(IN-Z082) PIKE

03/05/13 21:00 CST	0	Winter Weather
03/06/13 04:00 CST	0	

One to two inches of snow fell across Pike County in association with a strong upper level low that passed over the Lower Ohio Valley. Schools were closed due to slippery road conditions.

(IN-Z081) GIBSON, (IN-Z082) PIKE

03/17/13 04:00 CST	0	Winter Weather
03/17/13 11:00 CST	0	

Widespread sleet and snow occurred north of a stationary front that extended from west to east across the Tennessee Valley. The precipitation occurred on the nose of a southerly low-level jet. Areas north of Interstate 64 received up to an inch of slushy snow and sleet. Multiple accidents were reported in Gibson County due to slushy roads caused by the wintry mix.

PIKE COUNTY --- 1.2 NW PETERSBURG [38.51, -87.30], 1.9 NNE PETERSBURG [38.52, -87.26], 1.4 NNE PETERSBURG [38.52, -87.27], 0.9 WNW PETERSBURG [38.51, -87.29]

03/18/13 13:00 EST	0	Flood (due to Heavy Rain)
03/22/13 10:00 EST	0	Source: River/Stream Gage

Minor flooding occurred along the White River at Petersburg. Some low-lying agricultural and oil fields were underwater. Several low-lying Pike County roads were flooded, including Routes 750N, 600N, 1000E, 250W, 400W, 675N, 700N, 1000W, 900W, 700W, and 775W.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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GIBSON COUNTY --- 1.0 NW HAZLETON [38.49, -87.54], 1.4 WNW HAZLETON [38.49, -87.55], 1.3 WNW HAZLETON [38.49, -87.55], 0.9 NW HAZLETON [38.49, -87.54]

03/18/13 20:00 CST	0	Flood (due to Heavy Rain)
03/23/13 11:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the White River at Hazleton. Some low-lying agricultural and oil fields were underwater. A few low county roads were flooded. A river cabin community was isolated.

WARRICK COUNTY --- 1.4 SE NEWBURGH [37.94, -87.40], 1.4 ESE NEWBURGH [37.94, -87.40], 2.3 ESE NEWBURGH [37.94, -87.38], 2.2 ESE NEWBURGH [37.94, -87.38]

03/22/13 09:00 CST	0	Flood (due to Heavy Rain)
03/23/13 14:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River at Newburgh. Some low-lying fields were underwater.

POSEY COUNTY --- 0.9 SW MT VERNON [37.92, -87.91], 0.9 SSW MT VERNON [37.92, -87.91], 0.7 NE HOVEY [37.91, -87.92], 0.8 NNE HOVEY [37.91, -87.92]

03/23/13 01:00 CST	0	Flood (due to Heavy Rain)
03/24/13 10:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River at Mt. Vernon. Some low-lying fields were underwater.

A couple of distinct rounds of heavy rain during late February and mid-March caused rises along the region's rivers. Between March 14th and 18th, copious amounts of rain fell, with totals ranging from 1 to 2 inches. A few isolated thunderstorms pushed these rain amounts up to 3 inches. While quite a few river gages rose above flood stage, only minor flooding occurred.

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

03/29/13 23:00 CST	0	Dense Fog
03/30/13 09:00 CST	0	

Widespread dense fog formed as skies cleared out and winds became nearly calm. Moist ground from rainfall the previous night contributed to the dense fog. High pressure moved slowly east across the Ohio Valley, resulting in favorable conditions for fog. Visibility was one-quarter mile or less across all of southwest Indiana for most of the night into the early morning hours.

KENTUCKY, Southwest

MUHLENBERG COUNTY --- PARADISE [37.27, -86.98], 1.0 SE PARADISE [37.26, -86.97], 0.9 SSE PARADISE [37.26, -86.97], 0.3 W PARADISE [37.27, -86.99]

03/19/13 10:00 CST	0	Flood (due to Heavy Rain)
03/23/13 20:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Green River at Paradise. Some low-lying fields and woods near the river were flooded.

A couple of distinct rounds of heavy rain during late February and mid-March caused minor flooding along the Green River. Between March 14th and 18th, copious amounts of rain fell, with totals ranging from 1 to 2 inches. A few isolated thunderstorms pushed these rain amounts up to 3 inches.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z014) UNION, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z022) TODD

03/30/13 00:00 CST	0	Dense Fog
03/30/13 09:00 CST	0	

Widespread dense fog formed as skies cleared out and winds became nearly calm. Moist ground from rainfall the previous night contributed to the dense fog. High pressure moved slowly east across the Ohio Valley, resulting in favorable conditions for fog. Visibility was one-quarter mile or less across most of western Kentucky for most of the night into the early morning hours. The exception to the poor visibility was in parts of the Pennyryle region, including Madisonville.

MISSOURI, Southeast

Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CAPE GIRARDEAU COUNTY --- 1.1 ESE GULF JCT [37.26, -89.53], 1.5 ESE GULF JCT [37.26, -89.52], 1.0 SE CAPE GIRARDEAU [37.29, -89.52], 0.9 SSE CAPE GIRARDEAU [37.29, -89.52]				
	03/14/13 20:00 CST		0	Flood (due to Heavy Rain)
	03/15/13 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Mississippi River at Cape Girardeau. Some low-lying fields were underwater.				
WAYNE COUNTY --- 0.9 NNE GREENVILLE [37.14, -90.46], 2.2 NE SILVA [37.19, -90.49], 1.4 NE SILVA [37.19, -90.51], 1.0 NNW GREENVILLE [37.14, -90.48]				
	03/18/13 18:00 CST		0	Flood (due to Heavy Rain)
	03/19/13 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred on the St. Francis River near Patterson. Some low-lying woods and fields were underwater, including state wildlife management land.				
CAPE GIRARDEAU COUNTY --- 0.8 SSE CAPE GIRARDEAU [37.29, -89.53], 1.2 ENE GULF JCT [37.28, -89.53], 1.5 ENE GULF JCT [37.28, -89.52], 1.0 SSE CAPE GIRARDEAU [37.29, -89.52]				
	03/19/13 03:00 CST		0	Flood (due to Heavy Rain)
	03/19/13 09:00 CST		0	Source: River/Stream Gage
Minor flooding occurred on the Mississippi River at Cape Girardeau. Some low-lying fields were underwater.				
A couple of distinct rounds of heavy rain during late February and mid-March caused rises along the region's rivers. Between March 14th and 18th, copious amounts of rain fell, with totals ranging from 1 to 2 inches. A few isolated thunderstorms pushed these rain amounts up to 3 inches. Minor flooding occurred along the St. Francis River and parts of the Mississippi River.				
(MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z109) BUTLER				
	03/21/13 16:00 CST		0	Winter Weather
	03/22/13 02:00 CST		0	
(MO-Z108) RIPLEY				
	03/21/13 16:00 CST		0	Winter Storm
	03/22/13 02:00 CST		0	
Anywhere from 1 to 3 inches of snow fell across the Ozark foothills, along and west of a line from Poplar Bluff to Greenville. Up to 5 inches of snow was reported in the Doniphan area in Ripley County. The snow fell heavily at times, reducing visibility to one-quarter mile at times. A trained spotter seven miles northwest of Poplar Bluff measured 2.5 inches, of which 1.5 inches fell in an hour. The co-operative observer in Doniphan measured 5 inches. The co-operative observer at Clearwater Dam on the western border of Wayne County measured two inches. Pavement temperatures were above freezing, which caused the accumulation on pavement to be slushy. Slushy and hazardous road conditions were reported. A low pressure system developed over the Texas panhandle, then moved east. High pressure over the Ohio Valley kept cold air in place, enabling the precipitation to fall as snow.				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID				
	03/29/13 23:00 CST		0	Dense Fog
	03/30/13 09:00 CST		0	
Widespread dense fog formed as skies cleared out and winds became nearly calm. Moist ground from rainfall the previous night contributed to the dense fog. High pressure moved slowly east across the Ohio Valley, resulting in favorable conditions for fog. Visibility was one-quarter mile or less across all of southeast Missouri for most of the night into the early morning hours.				